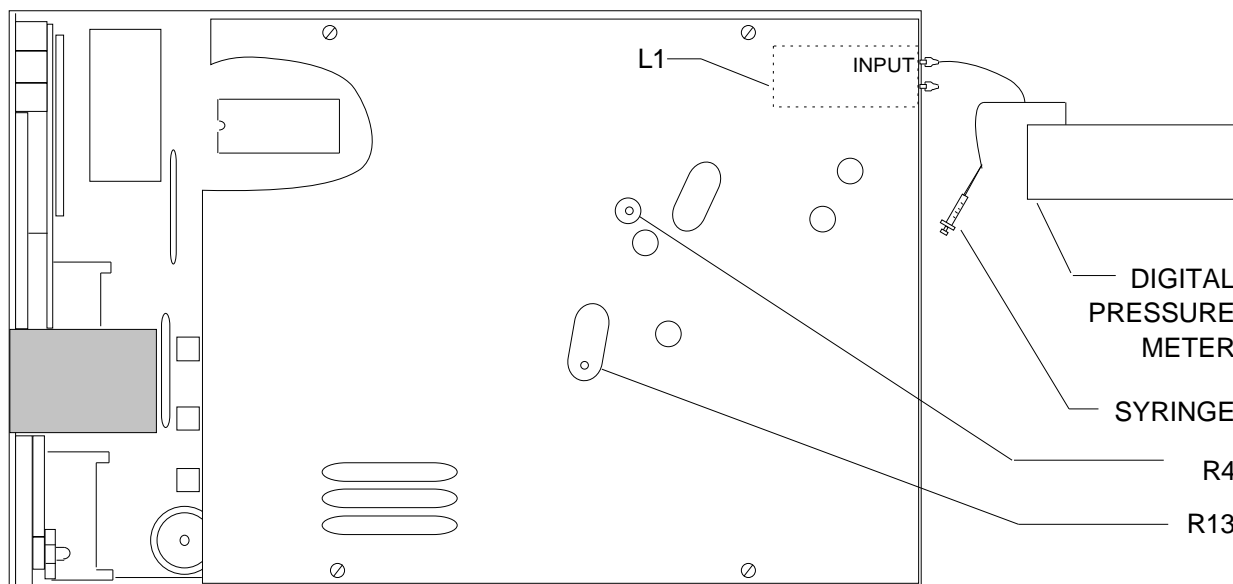


CALIBRATION PROCEDURE FOR BAROMED(B)

CALIBRATION PROCEDURE

NOTE: Use proper ESD control during all removal and installation procedures.

1. Turn the system power switch to STANDBY.
2. Unplug the AC power cable.
3. Disable all circuit breakers.
4. Remove/disconnect all covers, assemblies, wire harnesses and ribbon cables necessary to gain access to the Baromed(B) monitor.
5. If any monitors are located above the Baromed(B) monitor, they must be removed temporarily.
6. Remove pressure hose from input of L1 (Figure 1) on the Baromed(B) monitor.
7. **Caution:** The input nipple of L1 is very fragile. Use care when disconnecting the hose.
8. Connect calibrated digital pressure meter with syringe to the input of L1 on the Baromed(B) monitor.
 - 8.1. Enable all circuit breakers.
 - 8.2. Plug the AC power cable into a live AC receptacle.
9. Press both the increment and decrement keys on the Baromed(B) monitor while turning the system power switch to the ON position.



TOP VIEW OF MONITOR

Figure 2: BAROMED(B) ADJUSTMENTS

CALIBRATION PROCEDURE (continued)

10. With no pressure applied with the syringe (pressure meter reads 0.00 cm WC). Adjust R13 on Baromed(B) monitor until the display on the monitor reads $0.00 \pm .5$ cm WC.

11. Apply 60.0 cm WC pressure to the Baromed(B) using syringe. Adjust R4 on the monitor until the display reads 60.0 ± 2.0 cm WC.

NOTE: Since there is an interaction between the R4 and R13 variable resistors, it will be necessary to repeat steps 10 & 11 (adjustments of R4 and R13) until calibration is complete.

12. When calibration has been completed, remove the hose which connects the L1 input on the Baromed(B) monitor to the digital pressure meter.

12.1. Turn the system power switch to STANDBY.

12.2. Unplug the AC power cable.

12.3. Disable all circuit breakers.

13. Place a small drop of Glypt insulating varnish on the adjustment screws of the R4 and R13 to prevent the screws from turning.

14. If any monitors were removed in step 5, reinstall them at this time.

15. Reconnect the pressure hose (removed in step 6) to the L1 on the Baromed(B) monitor.

16. Return/reconnect all covers, assemblies, wire harnesses and ribbon cables removed to gain access to the Baromed(B).

17. Enable all circuit breakers.

18. Plug AC power cable into a live AC receptacle.

19. Verify that the unit operates as described in the Operator's Manual.



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